

462028 TO 462104-continued

- 22' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Flower heads fairly loose, erect. Calyces and seeds variable in color. Cultivated. Seed.
- 462085.** 220. Yemen Arab Republic. Collected December 09, 1980. Field, 12km NE of Al Mansuriyah, As Suknah Dist., Hudaydah Province. 280M. Lat. 14 deg. 45' N, long. 43 deg. 23' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Three distinct types: 1) Plants 2m tall. Flower heads large, loose, erect. Seeds white. 2) Plants 1-1.5m tall. Flower heads small, compact, erect. Calyces black. 3) Intermediate. Cultivated. Seed.
- 462086.** 229. Yemen Arab Republic. Collected December 10, 1980. Store, Wadi Zabid, 23km E of Al Jarahi, Jabal Ras Dist., Hudaydah Prov. 420M. Lat. 14 deg. 06' N, long. 43 deg. 35' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Flower heads large, compact, erect. Calyces black. Seeds dark orange, wrinkled, some pale. Cultivated. Seed.
- 462087.** 230. Yemen Arab Republic. Collected December 10, 1980. Field, 48km E of Al Jarahi, Wasab as Safil Dist., Sana'a Province. 710M. Lat. 14 deg. 08' N, long. 43 deg. 45' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Flower heads large, erect. Calyces black. Seeds variable in color, white to deep orange. Cultivated. Seed.
- 462088.** 231. Yemen Arab Republic. Collected December 11, 1980. Field, Wadi Sukhman, 20km SE of Al Ahad, Wasab al Ali Dist., Sana'a Prov. 880M. Lat. 14 deg. 12' N, long. 43 deg. 43' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Plant height variable, 1-3m. Flower heads variable small, compact to large, loose. Calyces and seeds variable white to dark. Cultivated. Seed.
- 462089.** 233. Yemen Arab Republic. Collected December 11, 1980. Field, 15km SE of Al Ahad, Wasab as Safil Dist., Sana'a Province. 900M. Lat. 14 deg. 14' N, long. 43 deg. 44' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Plants 2-3m tall. Stems thin. Flower heads very loose. Avns present. Calyces black. Seeds orange. Higher quality bread and fodder than other varieties. Local name Sormi. Cultivated. Seed.
- 462090.** 234. Yemen Arab Republic. Collected December 11, 1980. Store, Jarajer, 50km SE of Mishrafah, Wasab al Ali Dist., Sana'a Province. 980M. Lat. 14 deg. 15' N, long. 43 deg. 45' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Seeds variable in color from dark orange to pale. Local name Hamra Gharib. Cultivated. Seed.
- 462091.** 236. Yemen Arab Republic. Collected December 11, 1980.